

Robert W Murdoch

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

478
citations

840728

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h-index

940516

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20
docs citations

20
times ranked

691
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative Proteomics and Quantitative PCR as Predictors of <i>cis</i> -1,2-Dichloroethene and Vinyl Chloride Reductive Dechlorination Rates in Bioaugmented Aquifer Microcosms. ACS ES&T Engineering, 2022, 2, 43-53.	7.6	5
2	Identification and widespread environmental distribution of a gene cassette implicated in anaerobic dichloromethane degradation. Global Change Biology, 2022, 28, 2396-2412.	9.5	7
3	Dehalogenation of Chlorinated Ethenes to Ethene by a Novel Isolate, <i>Candidatus</i> Dehalogenimonas etheniformans. Applied and Environmental Microbiology, 2022, 88, .	3.1	14
4	Isolation and characterization of a halophilic Modicisalibacter sp. strain Wilcox from produced water. Scientific Reports, 2021, 11, 6943.	3.3	6
5	Draft Genome Sequence of <i>Shewanella</i> sp. Strain BF02_Schw, Isolated from Blood Falls, a Feature Where Subglacial Brine Discharges to the Surface of Taylor Glacier, Antarctica. Microbiology Resource Announcements, 2021, 10, e0114120.	0.6	0
6	Metagenome-Guided Proteomic Quantification of Reductive Dehalogenases in the <i>Dehalococcoides mccartyi</i> -Containing Consortium SDC-9. Journal of Proteome Research, 2020, 19, 1812-1823.	3.7	17
7	Metagenomes from Coastal Marine Sediments Give Insights into the Ecological Role and Cellular Features of <i>Loki</i> - and <i>Thorarchaeota</i> . MBio, 2019, 10, .	4.1	16
8	Biotransformation of the Fluorinated Nonsteroidal Anti-inflammatory Pharmaceutical Flurbiprofen in Activated Sludge Results in Accumulation of a Recalcitrant Fluorinated Aromatic Metabolite. Global Challenges, 2019, 3, 1800093.	3.6	0
9	Proteogenomics Reveals Novel Reductive Dehalogenases and Methyltransferases Expressed during Anaerobic Dichloromethane Metabolism. Applied and Environmental Microbiology, 2019, 85, .	3.1	21
10	Change of microbial community composition in anaerobic digesters during the degradation of nonylphenol diethoxylate. International Biodeterioration and Biodegradation, 2018, 135, 1-8.	3.9	14
11	Normalized Quantitative PCR Measurements as Predictors for Ethene Formation at Sites Impacted with Chlorinated Ethenes. Environmental Science & Technology, 2018, 52, 13410-13420.	10.0	33
12	Complete Genome Sequence of <i>Dehalobacterium formicoaceticum</i> Strain DMC, a Strictly Anaerobic Dichloromethane-Degrading Bacterium. Genome Announcements, 2017, 5, .	0.8	19
13	The biotransformation of ibuprofen to trihydroxyibuprofen in activated sludge and by <i>Variovorax</i> Ibu-1. Biodegradation, 2015, 26, 105-113.	3.0	60
14	Diversity and community analysis of ammonia oxidizing bacteria in a streambed surrounding an artificial dam. Journal of Environmental Management, 2013, 127, 237-243.	7.8	3
15	Genetic and chemical characterization of ibuprofen degradation by <i>Sphingomonas</i> Ibu-2. Microbiology (United Kingdom), 2013, 159, 621-632.	1.8	72
16	Chapter 3 Biodegradation of Pharmaceutical and Personal Care Products. Advances in Applied Microbiology, 2009, 67, 65-108.	2.4	86
17	Formation of Catechols via Removal of Acid Side Chains from Ibuprofen and Related Aromatic Acids. Applied and Environmental Microbiology, 2005, 71, 6121-6125.	3.1	102